

REMARKS

Applicants thank the Examiner for the very thorough consideration given the present application.

Claims 1-19 are now present in this application. Claims 1 and 14 are independent.

Claims 1 and 14 have been amended. Reconsideration of this application, as amended, is respectfully requested.

I. Priority Under 35 U.S.C. § 119

Applicants thank the Examiner for acknowledging Applicants' claim for foreign priority under 35 U.S.C. § 119, and receipt of the certified priority document.

II. Drawings

Applicants have not received a Notice of Draftsperson's Patent Drawing Review PTO-948 indicating whether or not the formal drawings have been approved by the Draftsperson. Since no objection has been received, Applicants assume that the drawings are acceptable and that no further action is necessary. Confirmation thereof in the next Office Action is respectfully requested.

III. Rejection Under 35 U.S.C. § 102

Claims 1-4, 11-16 and 18 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Yuzawa (U.S. Patent No. 6,363,061). This rejection is respectfully traversed.

A complete discussion of the Examiner's rejection is set forth in the Office Action, and is not being repeated here.

Applicants respectfully submit that independent claim recite a combination of elements in an image communication apparatus for compressing video and audio data of an image and transmitting them, including a packet data transmission protocol, in which one packet data frame comprises header data containing information for separating video data and audio data; transmission and reception data size information based on a communication speed; compressed audio data and video data; a control index representing information for indicating an additional operation; and control data for notifying a receiver side of data relating to the additional operation. In addition, independent claim 14 recites a combination of elements in an image communication apparatus for compressing video and audio data of an image and transmitting them, including a packet data transmission protocol, in which one packet data frame comprises header data containing information for

separating video data and audio data; transmission and reception data size information based on a communication speed; compressed audio data and video data; a control index for indicating an image quality selection, image transmission, a privacy mode, and a change in the video data size; and control data for notifying a receiver side of data corresponding to the above indication.

Applicants respectfully submit that these combinations of elements as set forth in independent claims 1 and 14 are not disclosed or made obvious by the prior art of record, including Yuzawa.

Applicants respectfully submit that the present invention relates to a data transmission protocol for an image communication apparatus, which is capable of easily separating video, audio, and control data from a packet data frame. That is, one packet data frame according to the claimed invention comprises header data containing information for synchronizing between a receiver side and a transmitter side and for separating video data and audio data, transmission and reception data size information based on a communication speed, compressed audio data and video data, control index representing information for indicating an additional operation, and control data for notifying a receiver side of data relating to the additional operation.

Therefore, the data transmission protocol for an image communication apparatus according to the claimed invention is capable of enabling a receiver to easily separate video, audio, and control data from one packet data frame by

transmitting the one packet data frame comprising the header data containing information for separating video data and audio data, the transmission and reception data size information based on the communication speed, the compressed audio data and video data, the control index representing information for indicating an additional operation, and the control data for notifying the receiver side of data relating to the additional operation.

Yuzawa (US 6,363,061) teaches a packet of a desired channel that is separated from other packets, and the packet is further separated into video data, audio data, and additional data (including program information) on the basis of information of a header portion. Also, Yuzawa teaches that program data is stored in a short private section. Furthermore, Yuzawa teaches that a header is constituted by the first five regions, i.e., a table ID, a section syntax indicator, a private indicator, a reserved region, and a section length.

However, Yuzawa does not teach or suggest the recited one packet data frame which comprises header data containing information for separating video data and audio data, transmission and reception data size information based on a communication speed, compressed audio data and video data, a control index representing information for indicating an additional operation, and control data for notifying a receiver side of data relating to the additional operation, as in the claimed invention.

Also, Yuzawa does not teach or suggest the recited transmission and

reception data size information based on the communication speed, the control index for indicating an image quality selection, image transmission, a privacy mode, and change in the video data size, and the control data for notifying the receiver side of data corresponding to the above indication, as in the claimed invention.

Thus, Yuzawa is not capable of easily separating video, audio, and control data from the one packet data frame by transmitting the one packet data frame comprising header data containing information for separating video data and audio data, transmission and reception data size information based on a communication speed, a compressed audio data and video data, a control index representing information for indicating an additional operation, and control data for notifying the receiver side of data relating to the additional operation, as in the claimed invention.

Therefore, Applicants respectfully submit that the combinations of elements as set forth in independent claims 1 and 14 are not disclosed or made obvious by the prior art of record, including Yuzawa, for the reasons explained above. Accordingly, reconsideration and withdrawal of this rejection are respectfully requested.

With regard to dependent claims 2-4, 11-13, 15, 16 and 18, Applicants submit that these claims depend, either directly or indirectly, from independent claims 1 and 14 which are allowable for the reasons set forth above, and

therefore claims 2-4, 11-13, 15, 16 and 18 are allowable based on their dependence from claims 1 and 14.

Reconsideration and allowance thereof are respectfully requested.

IV. Rejections under 35 U.S.C. § 103

Claims 5 and 17 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuzawa (U.S. Patent No. 6,363,061). Further, claims 6-8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuzawa in view of Chou et al. Finally, claims 9 and 10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuzawa in view of Martin. These rejections are respectfully traversed.

Complete discussions of the Examiner's rejections are set forth in the Office Action, and are not being repeated here.

Claims 5-10 and 17 depend, either directly or indirectly, from independent claim 1 and 14 which are allowable for the reasons set forth above, and therefore claims 5-10 and 17 are allowable based on their dependence from claims 1 and 14.

In addition, Chou et al. and Martin fail to teach or suggest the recited one packet data frame which comprises header data containing information for separating video data and audio data, transmission and reception data size information based on a communication speed, compressed audio data and video

data, a control index representing information for indicating an additional operation, and control data for notifying a receiver side of data relating to the additional operation, as in the claimed invention.

Reconsideration and allowance thereof are respectfully requested.

V. Additional Cited References

Since the remaining references cited by the Examiner have not been utilized to reject the claims, but have merely been cited to show the state of the art, no comment need be made with respect thereto.

VI. Conclusion

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone

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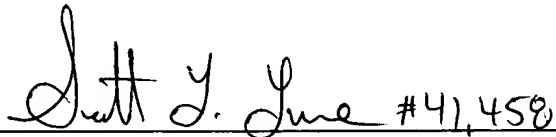
James T. Eller, Jr., Registration No. 39,538, at (703) 205-8000, in the Washington, D.C. area.

Prompt and favorable consideration of this Amendment is respectfully requested.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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